

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

ATTY DOCKET NO.  
INI-0031 D3

SERIAL NO.

NYA

Ronald P. Brochu et al.

FILING  
December 5, 2003

GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>JK</i>	RE 32,344	2/3/87	Wind	206	599	9/28/84
	D. 231,096	4/2/74	Adam	D14	3N	3/23/73
	D. 232,019	7/9/74	Rehrig et al.	D12	53	10/1/71
	D. 246,296	11/8/77	Fujii et al.	D12	53	4/27/71
	D. 346,681	5/3/94	Pigott et al.	D34	38	4/21/93
	D. 347,511	5/31/94	Pigott et al.	D34	38	9/2/93
	D. 354,606	1/17/95	Pigott et al.	D34	38	11/24/93
	D. 364,030	11/7/95	Pigott et al.	D34	38	6/7/94
	D. 370,763	6/11/96	Pigott et al.	D34	38	4/14/95
	D. 371,882	7/16/96	Kristoffersson	D34	38	6/14/95
<i>JK</i>	D. 372,192	7/30/96	Pigott et al.	D8	499	4/14/95

**FOREIGN PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>JK</i>	WO 90/01448	2/22/90	WIPO	B65D	19/32		
<i>JK</i>	WO 94/08861	4/28/94	WIPO	B65D	19/32		
<i>JK</i>	DE 27 33 457	2/15/79	Germany	B65D	19/32		

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

ATTY DOCKET NO.

INI-0031 D3

SERIAL NO.

NYA

R. nald P. Brochu et al.

FILING

December 5, 2003

GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>mc</i>	D. 378,458	3/11/97	Pigott et al.	D34	38	1/17/95
	D. 398,731	9/22/98	Pigott et al.	D34	38	9/30/97
	D. 398,732	9/22/98	Pigott et al.	D34	38	9/30/97
	1,910,781	5/23/33	Way			3/5/31
	2,544,657	3/13/51	Cushman	248	120	9/5/47
	2,699,912	1/18/55	Cushman	248	120	10/6/53
	2,828,933	4/1/58	De Pew et al.	248	120	11/21/55
	2,908,464	10/13/59	Traudt et al.	248	120	1/26/56
	2,925,978	2/23/60	Marso	248	120	11/27/57
	2,991,965	7/11/61	Drieborg	248	120	3/23/59
<i>mc</i>	3,126,843	3/31/64	De Laney	108	52	7/9/62

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

--

EXAMINER

*ose V. Chen*

DATE CONSIDERED

*07/20/04*

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

ATTY DOCKET NO.  
INI-0031 D3

SERIAL NO.  
NYA

Ronald P. Brochu et al.

FILING  
December 5, 2003

GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
no	3,152,693	10/13/64	Anderson	206	60	2/12/63
	3,187,689	6/8/65	Hess	108	58	10/19/62
	3,307,504	3/7/67	Cloyd et al.	108	58	12/1/65
	3,424,110	1/28/69	Toot	108	53	2/3/67
	3,467,032	9/16/69	Rowlands et al.	108	51	8/17/67
	3,481,285	12/2/69	Yellin	108	58	3/7/68
	3,580,190	5/25/71	Fowler	108	58	1/7/70
	3,602,157	8/31/71	Cohen et al.	108	51	9/30/68
	3,603,272	9/7/71	Ditges	108	51	12/20/68
	3,606,844	9/21/71	Lubker II et al.	108	58	10/30/69
no	3,613,605	10/19/71	Holdredge	108	58	2/1/70

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

ATTY DOCKET NO.  
INI-003f D3

SERIAL NO.  
NYA

Ronald P. Brochu et al.

FILING  
December 5, 2003

GROUP

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JLK	3,638,586	2/1/72	Elshout	108	58	6/5/70
	3,640,229	2/8/72	Bell	108	58	10/6/69
	3,651,769	3/28/72	Foley	108	56	11/3/69
	3,654,874	4/11/72	Skinner	108	51	4/28/70
	3,664,271	5/23/72	Wolder et al.	108	51	12/15/69
	3,675,595	7/11/72	Sullivan	108	51	4/20/70
	3,678,868	7/25/72	Hirota	108	51	3/18/70
	2,643,081	6/23/53	Spring	248	120	7/11/50
	3,267,884	8/23/66	Lessheim	108	54	9/7/65
	3,380,403	4/30/68	Sullivan	108	51	3/13/67
WV	3,757,704	9/11/73	Allgeyer et al.	108	51	6/21/72

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER *[Signature]* DATE CONSIDERED *07-20-04*

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Docket Number (Optional)  
**INI-0031 D3**

Application Number  
**NYA**

Applicant(s)  
**Ronald P. Brochu et al.**

Filing Date  
**December 5, 2003**

Group Art Unit

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>dlc</i>		3,680,495	8/1/72	Pike	108	53	10/12/70
		3,680,496	8/1/72	Westlake, Jr.	108	58	6/8/70
		3,683,823	8/15/72	Schmid	108	156	4/1/71
		3,685,461	8/22/72	Belcher	108	51	10/30/70
		3,685,463	8/22/72	Francis	108	56	1/18/71
		4,159,681	7/3/79	Vandament	108	51.1	10/3/77
		4,735,154	4/5/88	Hemery	108	56.1	12/3/86
		5,052,307	10/1/91	Morrison	108	53.1	10/26/89
		5,178,075	1/12/93	Kanazawa	108	56.1	7/11/91
		5,413,052	5/9/95	Breezer et al	108	56.1	3/29/93
<i>dy</i>		5,551,353	9/3/96	Fiedler	108	51.3	6/29/94

**FOREIGN PATENT DOCUMENTS**

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

ATTY DOCKET NO.  
INI-00 31 D3

SERIAL NO.  
NYA

Ronald P. Brochu et al.

FILING  
December 5, 2003

GROUP

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>MA</i>	3,699,901	10/24/72	Cook, III	108	58	7/23/70
	3,699,902	10/24/72	Allgeyer et al.	108	58	5/5/71
	3,710,733	1/16/73	Story	108	51	3/2/71
	3,720,176	3/13/73	Munroe	108	58	8/13/70
	3,759,194	9/18/73	Fujii et al.	108	58	12/7/71
	3,795,206	3/5/74	Utz	108	51	2/1/73
	3,814,031	6/4/74	Fowler	108	51	5/26/72
	3,824,933	7/23/74	Lind	108	51	9/14/72
	3,835,792	9/17/74	Wharton	108	51	10/30/72
	3,868,915	3/4/75	Hafner	108	51	12/27/72
<i>MA</i>	3,878,796	4/22/75	Morrison	108	56	12/5/73

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered; Include copy of this form with next communication to applicant.

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

INI-003 1 D3

SERIAL NO.

NYA

Ronald P. Brochu et al.

FILING

December 5, 2003

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>Jye</i>	3,916,803	11/4/75	Garcia	108	51	1/16/74
	3,917,066	11/4/75	Cloyd	206	386	3/22/73
	3,921,279	11/25/75	Daley	29	458	8/20/74
	3,938,448	2/17/76	Nishitani et al.	108	58	7/6/73
	3,964,400	6/22/76	Brand	108	51	8/28/74
	3,994,241	11/30/76	Evans	108	53.5	10/6/75
	4,002,126	1/11/77	Bell et al.	108	53.5	11/11/74
	4,013,021	3/22/77	Steinlein et al.	108	51.1	1/20/75
	4,051,787	10/4/77	Nishitani et al.	108	55.3	9/29/75
	4,103,857	8/1/78	Levenhagen	248	346	5/6/77
<i>DN</i>	4,133,270	1/9/79	Ravera	108	51.1	7/5/77

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

ATTY DCKET NO.

INI-0031 D3

SERIAL NO.

NYA

Ronald P. Brochu et al.

FILING

December 5, 2003

GROUP

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>h</i>	4,146,205	3/27/79	Skinner	248	346	2/5/73
	4,183,491	1/15/80	Sanders et al.	248	346	5/11/78
	4,220,100	9/2/80	Palomo et al.	108	51.1	2/28/79
	4,287,836	9/8/81	Aoki	108	51.1	5/24/79
	4,316,419	2/23/82	Cupido	108	56.1	12/20/78
	4,359,948	11/23/82	Judy et al.	108	56.1	4/7/80
	4,403,555	9/13/83	Forrest	108	51.1	6/11/81
	4,597,338	7/1/86	Kreeger	108	51.1	11/14/84
	4,606,278	8/19/86	Shuert	108	51.1	9/28/84
	4,735,154	4/5/88	Hemery	108	56.1	12/3/86
<i>m</i>	4,742,781	5/10/88	Shuert	108	53.3	1/9/87

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

ATTY DOCKET NO.  
**INI-0031 D3**

SERIAL NO.  
**NYA**

**Ronald P. Brochu et al.**

FILING

**December 5, 2003**

GROUP

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>126</i>	4,799,433	1/24/89	Luft	108	51.1	2/6/87
	4,843,976	7/4/89	Pigott et al.	108	56.1	8/9/88
	4,869,456	9/26/89	Jacobs	248	678	11/16/87
	4,951,821	8/28/90	Kempkes	206	453	10/18/89
	4,972,782	11/27/90	Shepherd et al.	108	52.1	11/23/88
	4,998,619	3/12/91	Sowa et al.	206	392	6/23/89
	5,042,396	8/27/91	Shuert	108	51.1	11/27/89
	5,046,434	9/10/91	Breezer et al.	108	51.1	5/2/90
	5,094,175	3/10/92	Christie	108	56.1	3/13/91
	5,097,951	3/24/92	Pigott et al.	206	386	10/16/90
<i>126</i>	5,117,762	6/2/92	Shuert	108	51.1	3/12/91

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

INI-0031D3

SERIAL NO.

NYA

Ronald P. Brochu et al.

FILING

December 5, 2003

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
pa	5,154,286	10/13/92	Gits	206	386	4/23/91
	5,195,439	3/23/93	Harder	108	51.1	3/24/92
	5,197,395	3/30/93	Pigott et al.	108	56.1	1/23/91
	5,205,221	4/27/93	Melln et al.	408	51.3	5/22/90
	5,337,681	8/16/94	Schrage	108	56.1	9/8/92
	5,343,814	9/6/94	Pigott et al.	108	56.1	10/15/92
	5,391,251	2/21/95	Shuert	156	292	1/28/92
	5,401,347	3/28/95	Shuert	156	245	12/18/92
	5,404,829	4/11/95	Shuert	108	51.1	5/21/91
	5,470,641	11/28/95	Shuert	428	178	12/14/93
u	5,549,056	8/27/96	Jordan et al.	108	51.1	3/31/94

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

ATTY DOCKET NO.  
INI-0031 D3

SERIAL NO.  
NYA

Ronald P. Br chu et al.

FILING  
December 5, 2003

GROUP

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MC	5,555,820	9/17/96	Shuert	108	51.1	4/24/95
	5,566,624	10/22/96	Brown et al.	108	51.1	8/15/95
	5,579,686	12/3/96	Pigott et al.	108	56.1	12/8/94
	5,596,933	1/28/97	Knight et al.	108	51.1	2/14/94
	5,638,760	6/17/97	Jordan et al.	108	51.1	7/1/96
	5,666,886	9/16/97	Alexander et al.	108	56.3	6/16/95
	5,676,064	10/14/97	Shuert	108	51.1	4/24/96
	5,755,162	5/26/98	Knight et al.	108	51.1	3/7/95
	5,778,801	7/14/98	Delacour	108	57.25	5/10/94
	5,791,262	8/11/98	Knight et al.	108	57.25	6/10/94
U	5,836,255	11/17/98	Uitz	108	57.25	4/8/96

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER	DATE CONSIDERED
Joe V. Chen	072004

\*EXAMINER: Initial if reference considered; whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Docket Number (Optional)  
**INI-0031 D3**

Application Number  
**NYA**

Applicant(s)  
**Ronald P. Brochu et al.**

Filing Date  
**December 5, 2003**

Group Art Unit

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>MC</i>		5,845,588	12/8/98 <sup>19</sup>	Gronnevik	108	57.27	10/30/96
		5,868,080	2/9/99 <sup>19</sup>	Wyler et al.	108	57.25	11/18/96
		5,950,546	9/14/99 <sup>19</sup>	Brown et al.	108	56.1	12/13/96
		6,199,488 B1	3/13/01 <sup>20</sup>	Favaron et al.	108	57.25	10/7/97
		6,250,234 B1	6/26/01 <sup>20</sup>	Apps	108	57.25	7/1/98
		5,829,364	11/3/98 <sup>19</sup>	Urbach	108	56.1	6/1/95
<i>du</i>		US 6,352,039 B1	3/5/02 <sup>20</sup>	Woods et al.	108	57.25	3/9/01

**FOREIGN PATENT DOCUMENTS**

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.